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Adsorption of organic arsenic acids from water over functionalized metal-organic frameworks

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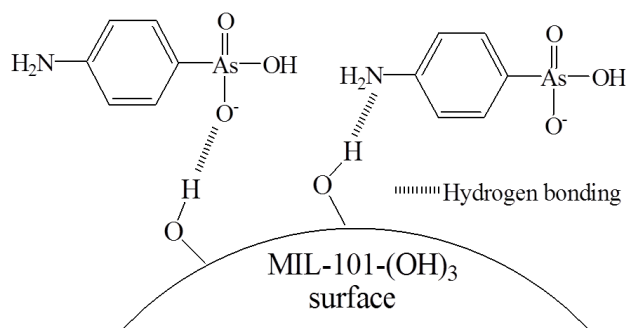
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Graphical Abstract:

Adsorption of organic arsenic acids over functionalized MOFs



Research Highlight

- Functionalized MOFs (with -OH) were applied for adsorptive purification of water.
- Organic arsenic acids such as phenylarsonic acid were adsorbed most effectively.
- The main adsorption mechanism (H-bond) could be confirmed.

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